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**MAY 31 2007**

Attorney Docket No.: P-9545-US1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): KUO, Wen-Yi                      Examiner:              GHEBRETINSAE, Temesghen  
Serial No.:      10/705,358                      Group Art Unit:      2611  
Filed:              November 11, 2003  
Title:              ADAPTIVE CHANNEL ESTIMATION USING CONTINUOUS PILOT  
                         SIGNAL BASED ON DOPPLER PERIOD

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT/RESPONSE TO OFFICE ACTION**

S I R:

This Amendment is being filed in response to the Office Action mailed on February 1, 2007. Applicant is concurrently filing A Petition for a One Month Extension of Time, including the required fee, thereby extending the period for response to June 1, 2007. Accordingly, this Amendment is being timely filed. Applicant is also concurrently filing a Terminal Disclaimer with the required fee. Please amend the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 4 of this paper.